5	Secondary School	Certificate Part – II	Annual Ex	tamination 2011
Ai	nnual ation 2011	MATI		HYDERABAD BOARD
Time: 151		. Each questions carries C	NE mark.	M. Marks: 15
(2) Do	not copy down the pa	rt questions in your answe full against the proper nur	er book.	
		d MCQs question paper m on paper must be mentione		
71570		Section-A Itiple Choice Ques		
		nswer for each from	n the giver	n options:
(i) $\frac{1}{P}$	(a) Polynomial	-1/11/1	(c) irration	onal (d) None of these
(ii) The		base to itself is		(d) None of these
(iii) If (x ³	- x ² - 226x + 14	10) ÷ (x + 17) then	the remin	der is
1,000,000,000,000,000,000		s of matrix A is equ		number of columns then
		And Andrew December 1999		are (d) None of these
(v) If A	$=\begin{bmatrix} 3 & 2 \\ 5 & 4 \end{bmatrix}$, then	the reminder is .		****
(vi) The	sum of 10 obser	vations is 125, the	mean is	
(vii) The	(a) 15 solution set of √	(b) 75 y - 2 = -4 is	(c) 50	(d) None of these
(viii) The s	(a) 18	(b) ± 4 3 x = 6 is	(c) { }	(d) None of these
FIGURE 188 199,9973	(a) {2}	(b) { -2}	(c) {-2, 2	(d) None of these cle is equal to
	(a) 90°		(c) 120°	(d) None of these
	(a) 2	(b) 3 sets A and B is wr	(c) 4	
Acceptant acceptant		(b) AxB		(d) BxA
	(a) Second	(b) Third te pair of binomial		h (d) None of these
	(a) Real	(b) Even lynomial x + y + xy	(c) Ratio	nal (d) Odd
0.000	(a) 2	(b) 3 n has the base	(c) 4	
	(a) π		(c) e	(d) 1
8-00-06 Self-self-self-self-self-self-self-self-s	(a) Right Angle		(c) Obtu	se Angle (d) None of these
	(a) Scalene tria (c) Equilateral t	angle triangle	(b) Isoso (d) None	celes triangle of these
(xviii) The		4:9 is (b) 16:81	(c) 8:18	(d) None of these
	of the trian	igle.		of a triangle is called the
	(a) Escribed cit	rcle (b) Circum circle	a /al Inaar	1
(xx) Cose	ec 40° =			ibed circle (d) None of these
	ec 40° = (a) Sin 40°	(b) Sec 40°		50° (d) Sin 50°
TIME ALL	(a) Sin 40° (b) Sin 40° (c) Sin 40° (d) Sin 40°	(b) Sec 40° SECTION -	(c) Sec	50° (d) Sin 50° MARKS: 60
	(a) Sin 40° (b) Sin 40° (c) Sin 40° (d) Sin 40° (e) Answer An	(b) Sec 40°	(c) Sec	50° (d) Sin 50° MARKS: 60
NOTE:	(a) Sin 40° (a) Sin 40° OWED: 2:40 MINUT Answer And All Quistion If (x + y, 2) = ((b) Sec 40° SECTION - y TEN of the Folloy ns Carry Equal Ma (4, x - y), then find x	(c) Sec B ving Ques	50° (d) Sin 50° MARKS: 60
TIME ALL NOTE:	(a) Sin 40° OWED: 2:40 MINUT Answer Any All Quistion If (x + y, 2) = (Simplify the form	(b) Sec 40° SECTION - Y TEN of the Folloy as Carry Equal Ma (4, x - y), then find x collowing:	(c) Sec B ving Oues rks.	50° (d) Sin 50° MARKS: 60
NOTE: Q.No:2 Q.No:3	(a) Sin 40° OWED: 2:40 MINUTE Answer And All Quistion If $(x + y, 2) = ($ Simplify the form (a) $4^{32} \div 4^{23}$	(b) Sec 40° SECTION - y TEN of the Folloy as Carry Equal Ma (4, x - y), then find x ollowing: (b) $\sqrt[3]{34a^3}$ 216 c	(c) Sec B ving Oues rks.	50° (d) Sin 50° MARKS: 60
NOTE:	(a) Sin 40° (a) Sin 40° OWED: 2:40 MINUT Answer And All Quistion If $(x + y, 2) = (x + y, 2)$ Simplify the form $(x + y, 2)$ Find the value	(b) Sec 40° SECTION - y TEN of the Folloy as Carry Equal Ma (4, x - y), then find x ollowing: (b) $\sqrt[3]{34a^3}$ 216 c	(c) Sec	MARKS: 60 tions. 36
NOTE: Q.No:2 Q.No:3	(a) Sin 40° OWED: 2:40 MINUT Answer And All Quistion If (x + y, 2) = (Simplify the form (a) 4 ³² ÷ 4 ²³ Find the value Find the value	(b) Sec 40° SECTION - Y TEN of the Folloy as Carry Equal Ma (4, x - y), then find x following: (b) $\sqrt[3]{34a^3}$ of log ₈ 128	(c) Sec	MARKS: 60 tions. 36
NOTE: Q.No:2 Q.No:3 Q.No:4 Q.No:5	(a) Sin 40° OWED: 2:40 MINUTE Answer And All Quistion If $(x + y, 2) = (x + y)$ Simplify the form $(x + y)$ Find the value $(x + y)$ Factorize any	(b) Sec 40° SECTION - V TEN of the Follovers Carry Equal Mark (4, x - y), then find x collowing: (b) $\sqrt[3]{34a^3}$ (c) $\sqrt[3]{216}$ collowing for x-y when x+y = 7 Two of the following for the following for the following for the following for x-y when x+y = 7	(c) Sec : B ving Oues rks. and y. b ⁹ d ¹⁸ and xy = 1	MARKS: 60 tions. 36
NOTE: Q.No:2 Q.No:3 Q.No:4 Q.No:5 Q.No:6	(a) Sin 40° OWED: 2:40 MINUTE Answer And All Quistion If $(x + y, 2) = (x + y, 2) = (x + y, 2)$ Simplify the form of the value Find the value Find the value Simplify: $\frac{4}{a^2 - 4a}$ Factorize any $(a) x^2 + 15x + a$ Define any two	(b) Sec 40° TES SECTION - V TEN of the Follovers Carry Equal Mark (4, x - y), then find x collowing: (b) $\sqrt[3]{34a^3}$ 216 collowing: of log ₈ 128 of x-y when $x+y=7$ two of the following as (b) $a^8 + a^4 + a^4 + a^5$ of the following as	(c) Sec : B ving Oues rks. and y. b ⁹ d ¹⁸ and xy = 1	MARKS: 60 Moreover tions. $(z) = (z) + y^2 (z - x) + z^2 (x - y)$ The figures.
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Q.No:2 Q.No:3 Q.No:4 Q.No:5 Q.No:6 Q.No:7 Q.No:8	(a) Sin 40° OWED: 2:40 MINUTE Answer And All Quistion If (x + y, 2) = (Simplify the form (a) 4 ³² ÷ 4 ²³ Find the value Find the value Find the value Simplify: 4/(a ² - 4 ³ Factorize any (a) x ² + 15x + 3 Define any two (a) Opposite Ray (b) Vertically Offind the solution (c) Vertically Offind the solution (d) 5y - 3 -6 Eliminate "a" Iffind the mean	(b) Sec 40° TES SECTION - V TEN of the Follovers Carry Equal Mark (4, x - y), then find x collowing: (b) $\sqrt[3]{34a^3}$ 216 collowing: (c) $\sqrt[3]{216}$ collowing a collowing at a collowing	g: 1 (c) x^2 (yend draw the following Ang he following 4 $\sqrt{y+3}$ a +	MARKS: 60 MARKS: 60 tions. 36 $(z-z) + y^2 (z-x) + z^2 (x-y)$ he figures. les $(z-z) + y^2 (z-x) + z^2 (x-y)$ he figures.
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TIME ALLA NOTE: Q.No:2 Q.No:3 Q.No:4 Q.No:5 Q.No:6 Q.No:7 Q.No:8 Q.No:9 Q.No:10 Q.No:11 Q.No:12 Q.No:13 Q.No:14 Q.No:15 NOTE: Q.No:16 Q.No:16	(a) Sin 40° OWED: 2:40 MINUTE Answer And All Ouistion If (x + y, 2) = (Simplify the form) (a) 4 ³² ÷ 4 ²³ Find the value Find the value Find the value Simplify: 4/a ² - 4a Factorize any (a) x ² + 15x + 30 Fine any two (a) Opposite Rate (c) Vertically Offind the solution (a) 5y - 3 -60 Find the mean Find the arithm The two tangent length. Prove it. Construct an insign AB = 4.5 cm, Prove that: 1+4 Answer And All Ouistion Find the H.C.Fofter (a) The sum of the length of th	TES SECTION - Y TEN of the Follow In Carry Equal Ma (4, x - y), then find x Collowing: (b) $\sqrt{3}$ 34a ³ 216 c of log ₈ 128 of x-y when $x+y=7$ Two of the following a ays (b) Supplementations, proportional between the following and ays (b) Supplementations, proportional between the following and the fol	(c) Sec $\frac{1}{2}$ B ving Oues $\frac{1}{2}$ and y. $\frac{1}{2}$ and	MARKS: 60 MARKS: 60 MARKS: 60 MARKS: 60 MARKS: 60 36 $(-z) + y^2 (z - x) + z^2 (x - y)$ Marks: 60 Mar